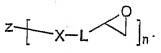
Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A dental root canal sealing composition, which comprises (i) an amino terminated prepolymer having a viscosity at 23° C. of less than 100 Pas, which is ~~obtainable by reacting obtainable~~ obtained by reacting

(a) one mole of a compound of the following formula (I)



(I)

wherein

Z represents

an n-valent C_{2-42} hydrocarbon group, which groups may contain 1 to 6 oxygen atoms, and which may be substituted by 1 to 6 C_{1-4} alkyl groups;

X represents

a single bond or

an oxygen atom or a nitrogen atom substituted by a C_{1-4} alkyl group;

L represents

a single bond or

an optionally substituted C_{1-6} alkylene group, an optionally substituted C_{6-14} arylene group, an optionally substituted C_{7-16} alkylenearylene group, an optionally substituted C_{7-16} arylenealkylene group,

which groups may be substituted by 1 to 6 C_{1-4} alkyl groups; and

n represents

an integer of from 2 to 6; and

(b) at least n moles of one or more compounds

(b1) of the following formula (II)

(II)

wherein

A represents a divalent saturated aliphatic C_{2-16} hydrocarbon group or a divalent saturated cycloaliphatic C_{3-6} hydrocarbon group, which groups may contain 1 to 6 oxygen atoms, and which may be substituted by 1 to 6 C_{1-4} alkyl groups;

R_a and R_b are the same or different and represent a hydrogen atom, a C_{1-6} alkyl or a C_{3-14} cycloalkyl group, which may be substituted by one or more members of the group selected from a C_{1-4} alkyl group, C_{1-4} alkoxy group, a phenyl group, and a hydroxy group; or

(b2) of formula (III)

~~$R'NH_2$ (III)~~ $R'NH_2$ (III)

wherein R′ represents

a substituted or unsubstituted C_1 to C_{18} alkyl group,

a substituted or unsubstituted C_3 to C_{18} cycloalkyl group,

a substituted or unsubstituted C_7 to C_{30} aralkyl group, which groups may be substituted by one or more members of the group selected from a C_{1-4} alkyl group, C_{1-4} alkoxy group, a phenyl group, and a hydroxy group,

optionally in combination with a further di- or polyamine compound;

(ii) a compound capable of undergoing polyaddition with the aminoterminated prepolymer (i);

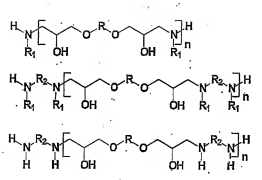
(iii) 40 to 85 wt.-% of a filler for providing a minimum radioopacity of at least 3 mm/mm Al.

2. (Original) The dental root canal sealing composition according to claim 1, wherein z represents a saturated aliphatic C_{2-18} hydrocarbon chain which may contain 2 to 4 oxygen atoms, and which may be substituted by 1 to 6 C_{1-4} alkyl groups or a substituted or unsubstituted C_7 to C_{30} arylenealkylenearylene group which may be substituted by 1 to 6 C_{1-4} alkyl groups.

3. (Original) The dental root canal sealing composition according to claim 1 or 2, wherein X is an oxygen atom and/or L is an alkylene group, preferably a methylene group, and/or wherein X-L is —OCH_2—.

4. (Original) The dental root canal sealing composition according to any one of the preceding claims, wherein n is 2.

5. (Currently Amended) The dental root canal sealing composition according to any one of the preceding claims, wherein the aminoterminated prepolymer is a prepolymer of one of the following formulas



wherein

R represents ~~Z as defined in claim 1, preferably~~ a divalent substituted or unsubstituted C_1 to C_{18} alkylene group, substituted or unsubstituted C_{6-14} arylene group, substituted or unsubstituted C_3 to C_{18} cycloalkylene group, substituted or unsubstituted C_7 to C_{30} arylenealkylenearylene group,

R_1 represents

hydrogen or

a substituted or unsubstituted C_1 to C_{18} alkyl group,

a substituted or unsubstituted C_3 to C_{18} cycloalkyl group,

a substituted or unsubstituted C_7 to C_{30} aralkyl group,

R_2 represents a divalent

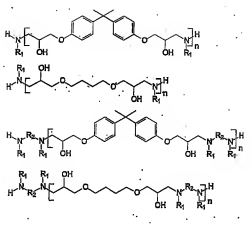
substituted or unsubstituted C_1 to C_{18} alkylene group,

a substituted or unsubstituted C_3 to C_{18} cycloalkylene group,

a substituted or unsubstituted C_7 to C_{30} aralkylene group, and

n is an integer.

6. (Original) The dental root canal sealing composition according to claim 5, wherein the aminoterminated prepolymer is a prepolymer of one of the following formulas



wherein R^1 and R^2 are defined as in claim 5.

7. (Original) The dental root canal sealing composition according to claim 1, wherein the compound capable of undergoing polyaddition with the aminoterminated prepolymer (i) is selected from a di- or polyfunctional acrylate, a di- or polyfunctional epoxide, a di- or polyfunctional isocyanate, a di- or polyfunctional isothiocyanate, a di- or polyfunctional acylamide, or a di- or polyfunctional maleimide.

8. (Original) The dental root canal sealing composition according to claim 1, wherein the filler contains La_2O_3, ZrO_2, $BiPO_4$, $CaWO_4$, $BaWO_4$, SrF_2, Bi_2O_3.

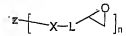
9. (Original) The dental root canal sealing composition according to claim 1, which is in the form of a two-component composition.

10. (Original) The dental root canal sealing composition according to claim 12, wherein the two-component composition is a powder/liquid or a paste/paste system.

11. (Currently Amended) ~~Use of the dental material of claim 1 for the manufacture~~ A process comprising manufacturing ~~of~~ prefabricated root canal cones comprising the dental material of claim 1.

12. (Currently Amended) ~~an~~ An amino terminated prepolymer having a viscosity at 23° C of less than 100 Pas, which is ~~obtainable~~ obtained by reacting

(a) one mole of a compound of the following formula (I)



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wherein

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an oxygen atom or a nitrogen atom substituted by a C_{1-6} alkyl group;

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a single bond or

an optionally substituted C_{1-16} alkylene group,

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an optionally substituted C_{7-16} alkylarylene group,

an optionally substituted C_{7-16} arylalkylene group,

which groups may be substituted by 1 to 6 C_{1-4} alkyl groups; and

n represents an integer of from 2 to 6; and

(b) at least n moles of one or more compounds

(b1) of the following formula (II)

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R_a and R_b are the same or different and represent a hydrogen atom, a C_{1-6}alkyl or a C_{3-14} cycloalkyl group, which may be substituted by one or more members of the group selected from a C_{1-4} alkyl group, C_{1-4} alkoxy group, a phenyl group, and a hydroxy group;

or

(b2) of formula (III)

$$R'NH_2 \qquad (III)$$

wherein R′ represents

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a substituted or unsubstituted C_3 to C_{18} cycloalkyl group,

a substituted or unsubstituted C_7 to C_{30} aralkyl group, which groups may be substituted by one or more members of the group selected from a C_{1-4} alkyl group, C_{1-4} alkoxy group, a phenyl group, and a hydroxy group,

optionally in combination with a further di- or polyamine compound, in a dental composition.